

Docket No. JBP586

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Miri Seiberg et al.

Serial No. : 10/092,810

Art Unit: 1654

Filed : March 7, 2002

Examiner: Michael V. Meller

For : Compositions and Methods for Regulating  
Phagocytosis and ICAM-1 Expression

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to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

May 17, 2004  
(Date of Deposit)

Andrea L. Colby  
(Name of applicant, assignee, or Registered Representative)

*Andrea L. Colby*  
(Signature)

May 17, 2004  
(Date of Signature)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

Applicant(s) reserve(s) the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this

information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

☒ In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified national application (other than a continued prosecution application under §1.53(d)), within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, no additional fee is required.

☐ In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

- ☐ Statement in Accordance with §1.97(e) (attached); or
- ☐ Please charge Deposit Account No. 10-0750/ / the fee of \$180.00 as set forth in §1.17(p).

☐ In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or an action that otherwise closes prosecution and that it is accompanied by one of:

- ☐ Statement in Accordance with §1.97(e) (attached); or
- ☐ Please charge Deposit Account No. 10-0750/ / the fee of \$180.00 as set forth in §1.17(p).

☐ In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee. Applicant(s) hereby petition(s) for consideration of this Information Disclosure Statement. Included are: Statement in Accordance with §1.97(e) as set forth below and the fee of \$180.00 as set forth in §1.17(p).

☒ Electronic copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith on 2 CDs.

☐ Copies of references listed on the attached Form PTO-1449 are enclosed herewith EXCEPT THAT:

- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- ☐ If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

☐ Copies of only foreign patent documents and non-patent literature are enclosed in accordance with 37 CFR 1.98 (a)(2). (The U.S. patents and each U.S. patent application publication listed on the attached Form PTO-1449 are not enclosed because this U.S. patent application was filed after June 30, 2003 or this international application has entered the

national stage under 35 USC §371 after June 30, 2003 (see USPTO waiver of requirement under 37 CFR 1.98 (a)(2)(i)).

☐ There are no listed references which are not in the English language.

☒ The relevance of those listed references which are not in the English language is as follows:

English language abstracts are provided for CN1094279, EP0643083, FR2596986, FR2641696, FR2685202, JP5221868, JP6145061, JP6192085, JP7010772, JP7196527, JP7196529, JP8040824, JP8059450, JP8143442, JP8333260, JP9059166, JP9077638, JP9143118, JP9143119, JP9176033, JP58225004, JP59187756, JP2000302678, KR92-8853 and WO97/11033.

English language translations are provided for EP0421021, FR2803747, FR2811226, JP1096106, JP3127713, JP4169514, JP5015574, JP5213729, JP5246932, JP5320024, JP5320061, JP7304655, JP8012560, JP8020597, JP8099891, JP9025212, JP9025214, JP11346695, JP58225003, JP62036304, JP63068512, JP63096120, JP63227515, JP63316711, KR92-8851, RU2066992, WO96/40121, WO99/09065, WO00/15188, WO02/07697 and HAMADA, J. Soc. Cosmet. Chem. Japan 31(4):413-319(1997).

The following are English language equivalents:

EP0643960 = US5741496  
EP0655470 = US5712356 & 5936052  
EP0661037 = US5629015  
EP0814116 = US5871823  
EP0832647 = AU695806  
EP1145710 = US2002/042380 & 2003/176366  
JP5114905 = EP0508886  
WO87/07838 = US4978528  
WO98/33089 = US6018001  
WO02/07697 = US2004/009142

☐ Attached are copies of search report(s) from corresponding patent application(s), which are listed on the attached Submission Under MPEP 609 D.

☒ Attached are the following non-published pending patent applications which may be deemed relevant, which are listed on the attached Submission Under MPEP 609 D.

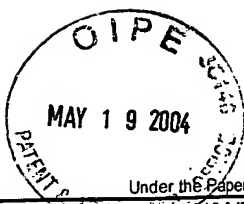
Please charge any deficiency or credit any overpayment to Deposit Account No. 10-0750/JBP0586/ALC. This form is submitted in triplicate.

Respectfully submitted,



Andrea L. Colby  
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New Brunswick, NJ 08933-7003  
(732) 524-2793  
DATED: May 17, 2004



Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 23

Application Number	10/092,810
Filing Date	March 7, 2002
First Named Inventor	Miri Seiberg
Group Art Unit	1654
Examiner Name	Michael V. Meller
Attorney Docket Number	JBP0586

## U.S. PATENT DOCUMENTS

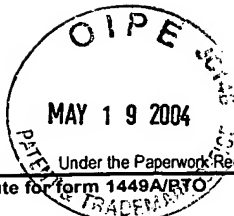
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		3,097,947	A	Kemmerer	07-16-1963	
		3,625,976	A	Theimer	12-07-1971	
		3,755,560	A	Dickert	08-28-1973	
		4,007,266	A	Choay	02-08-1977	
		4,056,637	A	Hagiwara et al	11-01-1977	
		4,151,304	A	Evans	04-24-1979	
		4,190,671	A	Vanstone	02-26-1980	
		4,219,569	A	Glenn	08-26-1980	
		4,223,018	A	Belle	09-16-1980	
		4,254,105	A	Fukuda	03-03-1981	
		4,272,544	A	Cella	06-09-1981	
		4,278,570	A	Flom	07-14-1981	
		4,279,930	A	Hall	09-14-1979	
		4,297,348	A	Frazier	10-27-1981	
		4,331,692	A	Drevici	05-25-1982	
		4,333,927	A	Ofuchi	06-08-1982	
		4,368,187	A	Flom	01-11-1983	
		4,370,315	A	Greff	01-25-1983	
		4,382,960	A	Flom	05-10-1983	
		4,386,067	A	Guillon	05-31-1983	
		4,421,769	A	Dixon	12-20-1983	
		4,427,670	A	Ofuchi	01-24-1984	
		4,434,095	A	Chipens et al.	02-28-1984	
		4,437,895	A	Koulbanis	03-20-1984	
		4,439,418	A	Moller	03-27-1984	
		4,462,981	A	Smith	07-21-1984	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 23

Application Number	10/092,810
Filing Date	March 7, 2002
First Named Inventor	Miri Seiberg
Group Art Unit	1654
Examiner Name	Michael V. Meller
Attorney Docket Number	JBP0586

**U.S. PATENT DOCUMENTS**

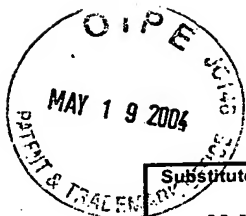
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		4,477,434	A ✓	Kosaka	10-16-1984	
		4,486,448	A	Ser	12-04-1984	
		4,488,564	A	Grollier	12-18-1984	
		4,515,778	A	Kastell	05-07-1985	
		4,524,067	A	Arichi	06-18-1985	
		4,537,782	A	Millet	08-27-1985	
		4,550,035	A	Smith	10-29-1985	
		4,578,267	A	Salamone	03-25-1986	
		4,584,190	A	Tejima	04-22-1986	
		4,604,281	A	Deckner	08-05-1986	
		4,612,192	A	Scheuffgen	09-16-1986	
		4,690,821	A	Smith	09-01-1987	
		4,707,293	A	Ferro	12-17-1987	
		4,760,096	A	Sakai	07-26-1988	
		4,793,991	A	Slimak	12-27-1988	
		4,824,662	A	Hofmann	04-25-1989	
		4,834,076	A	Millet	05-30-1989	
		4,847,267	A	Deckner	07-11-1989	
		4,851,214	A	Walters	07-25-1989	
		4,859,458	A	Salamone	08-22-1989	
		4,867,964	A	Forestier	09-19-1989	
		4,871,530	A	Grollier	10-03-1989	
		4,885,169	A	Gazzani	12-05-1989	
		4,895,839	A	Bombardelli	01-23-1990	
		4,906,457	A	Ryan	03-06-1990	
		4,943,462	A	Komerska	07-24-1990	

Examiner  
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Considered

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 3 of 23

Application Number	10/092,810
Filing Date	March 7, 2002
First Named Inventor	Miri Seiberg
Group Art Unit	1654
Examiner Name	Michael V. Meller
Attorney Docket Number	JBP0586

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Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		4,960,588	A	Hoshowski	10-02-1990	
		4,960,764	A	Figueroa	10-02-1990	
		4,970,216	A	Deckner	11-13-1990	
		4,971,825	A	Kitazume et al.	11-20-1990	
		4,978,528	A	Degre	12-18-1990	
		5,002,761	A	Mueller	03-26-1991	
		5,032,382	A	Crollie	07-16-1991	
		5,032,400	A	Wiersum	07-16-1991	
		5,043,323	A	Bombardelli	08-27-1991	
		5,077,038	A	Hofmann	12-31-1991	
		5,077,040	A	Bergmann	12-31-1991	
		5,104,655	A	Bombardelli	04-14-1992	
		5,110,603	A	Rau	05-05-1992	
		5,116,605	A	Alt	05-26-1992	
		5,118,671	A	Bombardelli	06-02-1992	
		5,130,142	A	Wong et al.	07-14-1992	
		5,147,859	A	Bombardelli	09-15-1992	
		5,166,139	A	Bombardelli	11-24-1992	
		5,171,577	A	Griat	12-15-1992	
		5,179,091	A	Lesieur	01-12-1993	
		5,188,823	A	Shapiro	02-23-1993	
		5,192,332	A	Lang	03-09-1993	
		5,194,252	A	Hofmann	03-16-1993	
		5,217,717	A	Kennedy	06-08-1993	
		5,229,104	A	Sottery	07-20-1993	
		5,231,090	A	Hsia	07-27-1993	

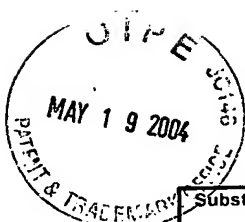
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 4 of 23

Application Number	10/092,810
Filing Date	March 7, 2002
First Named Inventor	Miri Seiberg
Group Art Unit	1654
Examiner Name	Michael V. Meller
Attorney Docket Number	JBP0586

**U.S. PATENT DOCUMENTS**

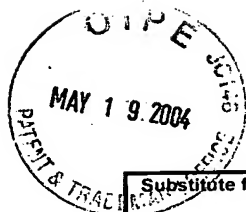
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		5,248,495	A	Patterson	09-28-1993	
		5,254,331	A	Mausner	10-19-1993	
		5,260,065	A	Mathur	11-09-1993	
		5,270,042	A	Whitham	12-14-1993	
		5,276,058	A	Satoh	01-04-1994	
		5,306,444	A	Kitamura	04-26-1994	
		5,310,734	A	Losch	05-10-1994	
		5,322,689	A	Huges et al.	06-21-1994	
		5,322,839	A	Voegeli	06-21-1994	
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		5,362,494	A	Zysman	11-08-1994	
		5,364,886	A	Loliger	11-15-1994	
		5,393,519	A	Dowell	02-28-1995	
		5,397,497	A	Jakobson	03-14-1995	
		5,407,675	A	Etemad-Moghadam	04-18-1995	
		5,411,742	A	Sebag	05-02-1995	
		5,427,814	A	Loliger	06-27-1995	
		5,428,026	A	Colarow	06-27-1995	
		5,438,044	A	Losch	08-01-1995	
		5,439,672	A	Zabotto	08-08-1995	
		5,443,839	A	Meybeck	08-22-1995	
		5,443,840	A	Morancais	08-22-1995	
		5,446,605	A	Umehara	08-29-1995	
		5,466,452	A	Whittle	11-14-1995	
		5,498,420	A	Mentrup Edgar	03-12-1996	
		5,503,832	A	De Stoutz	04-02-1996	

Examiner Signature		Date Considered	
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 5 of 23

Application Number	10/092,810
Filing Date	March 7, 2002
First Named Inventor	Miri Seiberg
Group Art Unit	1654
Examiner Name	Michael V. Meller
Attorney Docket Number	JBP0586

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		5,505,946	A	Kennedy et al.	04-09-1996	
		5,510,391	A	Elson	04-23-1996	
		5,523,308	A	Costanzo	06-04-1996	
		5,539,129	A	Zysman	07-23-1996	
		5,545,399	A	Lee	08-13-1996	
		5,547,661	A	Sun	08-20-1996	
		5,554,647	A	Perricone	09-10-1996	
		5,565,439	A	Piazza et al.	10-15-1996	
		5,565,493	a	Nakata et al.	10-15-1996	
		5,567,420	A	McEleney	10-22-1996	
		5,569,663	A	Ribier	10-29-1996	
		5,571,503	A	Mausner	11-05-1996	
		5,578,297	A	Mellul	11-26-1996	
		5,589,181	A	Bencsits	12-31-1996	
		5,595,984	A	Blank	01-21-1997	
		5,597,814	A	Blank	01-28-1997	
		5,601,833	A	Roboer	02-11-1997	
		5,603,949	A	Meybeck	02-18-1997	
		5,605,894	A	Blank	02-25-1997	
		5,607,666	A	Masson	03-04-1997	
		5,607,692	A	Ribier	03-04-1997	
		5,614,180	A	Chung	03-25-1997	
		5,614,215	A	Ribier	03-25-1997	
		5,616,572	A	Blank	04-01-1997	
		5,618,522	A	Kaletka	04-08-1997	
		5,620,692	A	Potter	04-15-1997	

Examiner Signature	Date Considered
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 6 of 23

Application Number	10/092,810
Filing Date	March 7, 2002
First Named Inventor	Miri Seiberg
Group Art Unit	1654
Examiner Name	Michael V. Meller
Attorney Docket Number	JBP0586

## U.S. PATENT DOCUMENTS

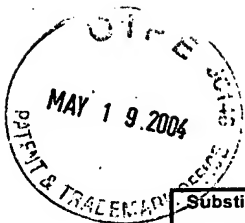
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		5,622,690	A	Potter	04-22-1997	
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Examiner Signature	Date Considered
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 7 of 23

Application Number	10/092,810
Filing Date	March 7, 2002
First Named Inventor	Miri Seiberg
Group Art Unit	1654
Examiner Name	Michael V. Meller
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**U.S. PATENT DOCUMENTS**

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		Number	Kind Code <sup>2</sup> (if known)			
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Sheet 8 of 23

<b>Application Number</b>	10/092,810
<b>Filing Date</b>	March 7, 2002
<b>First Named Inventor</b>	Miri Seiberg
<b>Group Art Unit</b>	1654
<b>Examiner Name</b>	Michael V. Meller
<b>Attorney Docket Number</b>	JBP0586

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Sheet 9 of 23

Application Number	10/092,810
Filing Date	March 7, 2002
First Named Inventor	Miri Seiberg
Group Art Unit	1654
Examiner Name	Michael V. Meller
Attorney Docket Number	JBP0586

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		Number	Kind Code <sup>2</sup> (if known)			
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Sheet 10 of 23

Application Number	10/092,810
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First Named Inventor	Miri Seiberg
Group Art Unit	1654
Examiner Name	Michael V. Meller
Attorney Docket Number	JBP0586

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
		AU	695806	B	C.I.R.D. Galderma	08-20-1998	=EP0832647	
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		EP	0 421 021	A1	Mucos Emulsionsgesellschaft	04-10-1991		Yes
		EP	0 473 502	A1	Shiseido Co. Ltd.	03-04-1992		
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Sheet 11 of 23

Application Number	10/092,810
Filing Date	March 7, 2002
First Named Inventor	Miri Seiberg
Group Art Unit	1654
Examiner Name	Michael V. Meller
Attorney Docket Number	JBP0586

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		EP	1 352 637	A1	Shiseido Company Limited	10-15-2003		
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		FR	2 803 747	A1	Laboratoires Pharmascience	07-20-2001		Yes
		FR	2 811 226	A1	Clarins Laboratoires	01-11-2002		Yes
		JP	1096106	A	Shiseido Company, Ltd	04-14-1989		Yes

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Sheet 12 of 23

Application Number	10/092,810
Filing Date	March 7, 2002
First Named Inventor	Miri Seiberg
Group Art Unit	1654
Examiner Name	Michael V. Meller
Attorney Docket Number	JBP0586

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		JP	5114905	A	Digital Equipment Corp.	05-07-1993	=EP 0 508 886	No
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		JP	5221868	A	Unitika Ltd.	08-31-1993	English Abstract	No
		JP	5246932	A	KK Japan Hypo	09-24-1993		Yes
		JP	5320024	A	Dowa Mining Co. Ltd.	12-03-1993		Yes
		JP	5320061	A	Soken Company, Ltd.	12-03-1993		Yes
		JP	6145061	A	Fuji Seiyu KK	05-24-1994	English Abstract	No
		JP	6192085	A	Inada Y	07-12-1994	English Abstract	No
		JP	7010772	A	Fuji Seiyu KK	01-13-1995	English Abstract	No
		JP	7196527	A	Morinaga Milk Ind. Co. Ltd.	08-01-1995	English Abstract	No
		JP	7196529	A	Morinaga Milk Ind. Co. Ltd.	08-01-1995	English Abstract	No
		JP	7304655	A	Kikkoman Corp.	11-21-1995		Yes
		JP	8012560	A	Shiseido Company, Ltd.	01-16-1996		Yes
		JP	8020597	A	Meiji Pharmaceutical Company, Ltd.	01-23-1996		Yes
		JP	8040824	A	Nonogawa Shoji:KK	02-13-1996	English Abstract	No
		JP	8059450	A	Kose Corporation	03-05-1996	English Abstract	No
		JP	8099891	A	Pola Chemical Industrial Company, Ltd.	04-16-1996		Yes
		JP	8143442	A	Kikkoman Corp.	06-04-1996	English Abstract	No
		JP	8333260	A	Kaminomoto Honpo:KK	12-17-1996	English Abstract	No
		JP	9025212	A	Shiseido Co. Ltd.	01-28-1997		Yes
		JP	9025214	A	Shiseido Co. Ltd.	01-28-1997		Yes
		JP	9059166	A	Kikkoman Corp.	03-04-1997	English Abstract	No
		JP	9077638	A	Art Beauty Clinic KK	03-25-1997	English Abstract	No

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary) <b>Sheet 13 of 23</b>	<b>Application Number</b>	10/092,810
	<b>Filing Date</b>	March 7, 2002
	<b>First Named Inventor</b>	Miri Seiberg
	<b>Group Art Unit</b>	1654
	<b>Examiner Name</b>	Michael V. Meller
	<b>Attorney Docket Number</b>	JBP0586

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	KindCode <sup>5</sup>				
		JP	9143118	A	Mitsubishi Chem Corp	06-03-1997	English Abstract	No
		JP	9143119	A	Mitsubishi Chem Corp	06-03-1997	English Abstract	No
		JP	9176033	A	Pigeon Corp.	07-08-1997	English Abstract	No
		JP	11346695	A	National Food Res. Inst. Ryookoku Shoji KK	12-21-1999		Yes
		JP	58225003	A	Ichimaru Fuarukosu KK	12-27-1983		Yes
		JP	58225004	A	Ichimaru Fuarukosu KK	12-27-1983	English Abstract	No
		JP	59187756	A	Erika KK	10-24-1984	English Abstract	No
		JP	62036304	A	Kashiwa Chemical Industries	02-17-1987		Yes
		JP	63068512	A	Awase Kosufua Company Ltd., et al.	03-28-1988		Yes
		JP	63096120	A	Matsuura Pharmaceutical Company	04-27-1988		Yes
		JP	63227515	A	New Japan Chemical Engineering KK	09-21-1988		Yes
		JP	63316711	A	Nonogawa Shoji Company, Ltd.	12-26-1988		Yes
		JP	2000302678	A	Crescendo Corp.	10-31-2000	English Abstract	No
		KR	92-8851	B1	Park	10-01-1992		Yes
		KR	92-8853	B	Song	10-10-1992	English Abstract	No
		RU	2066992	C1	Ostroumova Nadezhda Mikhajlovna	09-27-1996		Yes
		WO	87/07838	A1	Societe Bio Serae Sarl	12-30-1987	=US4,978,528	No
		WO	91/04283	A1	Chang et al.	04-04-1991		
		WO	91/07166	A1	Washington State University	05-30-1991		
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		WO	92/09650	A1	Bausch & Lomb Incorporated	06-11-1992		
		WO	94/06485	A1	Ciba-Geigy AG	03-31-1994		
		WO	95/04609	A1	Ciba-Geigy AG	02-16-1995		
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		WO	95/09011	A1	University of Pennsylvania	04-06-1995		
		WO	95/24885	A1	Handelman	09-21-1995		

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 14 of 23

Application Number	10/092,810
Filing Date	March 7, 2002
First Named Inventor	Miri Seiberg
Group Art Unit	1654
Examiner Name	Michael V. Meller
Attorney Docket Number	JBP0586

**FOREIGN PATENT DOCUMENTS**

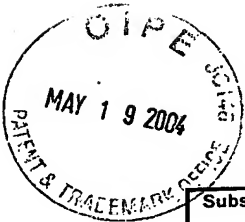
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	KindCode <sup>5</sup>				
		WO	96/09806	A2	Handelman	04-04-1996		
		WO	96/19483	A1	Biochem Pharma Inc.	06-27-1996		
		WO	96/19491	A1	Biochem Pharma Inc.	06-27-1996		
		WO	96/24371	A1	Phairson Medical Inc.	08-15-1996		
		WO	96/24392	A1	Fidia Advanced Biopolymers	08-15-1996		
		WO	96/30035	A1	Molecumetrics Ltd.	10-03-1996		
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		WO	96/37497	A1	Biochem Pharma Inc.	11-28-1996		
		WO	96/40121	A1	Taisho Pharmaceutical Co. Ltd.	12-19-1996		Yes
		WO	96/40199	A1	University of Pennsylvania	12-19-1996		
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		WO	97/18904	A1	Massachusetts Institute of Technology	05-29-1997		
		WO	97/35998	A1	Trustees of Boston University	10-02-1997		
		WO	97/39733	A1	The Procter & Gamble Company	10-30-1997		
		WO	98/01107	A1	Industria E Comercio de Cosmeticos Natura	01-15-1998		
		WO	98/02134	A1	J&J Consumer Products Inc.	01-22-1998	J&J1616	
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		WO	98/05333	A1	Molecumetrics Ltd.	02-12-1998		
		WO	98/08503	A1	Novogen Research Pty. Ltd.	03-05-1998		
		WO	98/09987	A1	Biochem Pharma, Inc.	03-12-1998		
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		WO	98/33089	A1	Menicon Co., Ltd.	07-30-1998	=US 6,018,001	No
		WO	98/49153	A1	Novogen Inc.	11-05-1998		
		WO	99/04752	A2	J&J Consumer Products Inc.	02-04-1999	JBP0430	
		WO	99/09065	A1	Eberhard-Karls-Univ.	02-25-1999		Yes

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 15 of 23

Application Number	10/092,810
Filing Date	March 7, 2002
First Named Inventor	Miri Seiberg
Group Art Unit	1654
Examiner Name	Michael V. Meller
Attorney Docket Number	JBP0586

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		WO	99/15917	A1	Novartis AG	04-01-1999		
		WO	99/24003	A1	The Procter & Gamble Company	05-20-1999		
		WO	99/30729	A1	J&J Consumer Products Inc.	06-24-1999	JBP0438	
		WO	99/36050	A1	Novogen Research Pty. Ltd.	07-22-1999		
		WO	99/57178	A1	Bausch & Lomb Incorporated	11-11-1999		
		WO	00/15188	A1	Sedema	03-23-2000		Yes
		WO	00/43049	A1	Pharmacia & Upjohn Company	07-27-2000		
		WO	00/51554	A2	Johns Hopkins University	09-08-2000		
		WO	00/62740	A2	The Procter & Gamble Company	10-26-2000		
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		WO	00/62743	A2	The Procter & Gamble Company	10-26-2000		
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		WO	00/69404	A1	The Procter & Gamble Company	11-23-2000		
		WO	00/69406	A1	The Procter & Gamble Company	11-23-2000		
		WO	00/69407	A1	The Procter & Gamble Company	11-23-2000		
		WO	00/69408	A1	The Procter & Gamble Company	11-23-2000		
		WO	01/34099	A1	J&J Consumer Products Inc.	05-17-2001	JBP0518	
		WO	01/35920	A1	Hindustan Lever Limited	05-25-2001		
		WO	02/07697	A1	Cognis France S.A.	01-31-2002	=US 2004/009142	Yes

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		"A Combined Soybean Crushing-Deodorizing System that Yields 100-200 Mesh Powder for Food Additive Use has been Developed by SHINYU ZOKI CO. LTD. And MITSUBISHI RAYON ENGINEERING LTD.", <i>Tech Times</i> , pp 10 (1978).	
		"Avon's Anew Positivity Trio Targets Menopausal Women", <i>The Rose Sheet</i> , February 28, 2000, page 8	
		"CaspACE™ Assay System, Colorimetric", Product Improvements, Neural Notes Volume V, Issue 1, p 13 (1999) PROMEGA CORPORATION.	

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 16 of 23

Application Number	10/092,810
Filing Date	March 7, 2002
First Named Inventor	Miri Seiberg
Group Art Unit	1654
Examiner Name	Michael V. Meller
Attorney Docket Number	JBP0586

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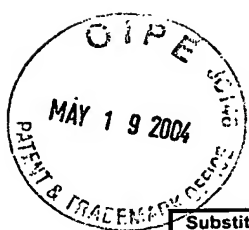
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		"Elhibin®" Product Brochure, PENTAPHARM, Centerchem, Inc., Stamford, CT, publicly available prior to February 28, 2001.	
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		"Plant Extract Containing Female Hormone-Like Isoflavones - Flavosterone", leaflet from ICHIMARU PHARCOS issued March 7, 1997	
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		BADASH ET AL, "Effect of Gamma Irradiation of Field and Storage Fungi of Wheat, Maize and Soybean", <i>Chemie Mikrobiologie Technologie der Lebensmittel</i> (1992).	
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		COUGLIN, "Protease Activated Receptors Start A Family", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91, 1994, pp 9200-9202.	

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary) <b>Sheet 18 of 23</b>	<b>Application Number</b>	10/092,810
	<b>Filing Date</b>	March 7, 2002
	<b>First Named Inventor</b>	Miri Seiberg
	<b>Group Art Unit</b>	1654
	<b>Examiner Name</b>	Michael V. Meller
	<b>Attorney Docket Number</b>	JBP0586

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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		COVELLI ET AL, "Diazepam Inhibits Phagocytosis and Killing Exerted By Polymorphonuclear Cells and Monocytes From Healthy Donors", Abstract, <i>Immunopharmacology and Immunotoxicology</i> , Vol. 11, No. 4 (1989) pp. 701-714, copyright © 1989 by Marcel Dekker, Inc.	
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Sheet 19 of 23

Application Number	10/092,810
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First Named Inventor	Miri Seiberg
Group Art Unit	1654
Examiner Name	Michael V. Meller
Attorney Docket Number	JBP0586

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Sheet 20 of 23

Application Number	10/092,810
Filing Date	March 7, 2002
First Named Inventor	Miri Seiberg
Group Art Unit	1654
Examiner Name	Michael V. Meller
Attorney Docket Number	JBP0586

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	<b>Examiner Name</b>	Michael V. Meller
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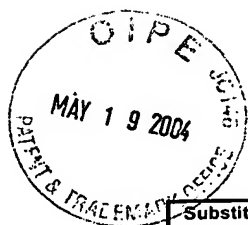
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 23 of 23

Application Number	10/092,810
Filing Date	March 7, 2002
First Named Inventor	Miri Seiberg
Group Art Unit	1654
Examiner Name	Michael V. Meller
Attorney Docket Number	JBP0586

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
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